

# KERN CPB 30K0.5N

**KERN**

Professional model with counting resolution 60.000 points



## Category

Brand	KERN
Product category	Industrial scale
Product group	Counting scale
Product family	CPB

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	30 kg
Readability [d]	0,0005 kg
Resolution	60.000
Linearity	± 0,002 kg
Reproducibility	0,001 kg
Tare range	30 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (F2); 10 kg (F2)
Possible calibration points	30 kg
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,005 kg
Maximum creep (15 minutes)	5 g
Maximum creep (30 minutes)	10 g

## Approval

CE mark	✓
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## Display

Display type	LCD
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Display backlight	✓
Display digit height - smallest digit	4 mm
Display digit height	20 mm

## Construction

Dimensions device (W×D×H)	315×350×125 mm
Dimension housing (W×D×H)	315×350×100 mm
Dimensions completely mounted (W×D×H)	315×350×125 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	295×225 mm
Levelling feet adjustable	✓

## Functions

Number of keys for operation	20
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 5 min 30 min 15 min
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None
Interfaces	RS-232 standard

## Counting

Smallest piece weight when piece counting - laboratory conditions	500 mg
Smallest piece weight when piece counting - normal conditions	5 g
Counting reference weight can be entered	✓
Reference quantity	n (any number of pieces)
Counting resolution (laboratory conditions)	60.000

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter

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Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	50 h
Rechargeable battery operating time - backlight off	90 h

## Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	370×450×220 mm
Net weight	3,335 kg
Shipping method	Parcel service
Net weight approx.	3,4 kg
Gross weight approx.	4,4 kg
Shipping weight	7,3 kg

## Services (optional)

Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION

